

## REMARKS

The present application was filed on August 24, 1999 with claims 1 through 26. Claims 1 through 26 are presently pending in the above-identified patent application.

In the Office Action, the Examiner rejected claims 1-10, 12-23, 25, and 26 under 35 U.S.C. §102(e) as being anticipated by Ohyama et al. (United States Patent Number 6,243,575) and rejected claims 14-23, 25, and 26 under 35 U.S.C. §103(a) as being unpatentable over Ohyama et al. in view of Lee (United States Patent Number 6,246,883).

In the Office Action Summary, the Examiner has noted that claims 11 and 24 are objected to, but has not provided any further information on the objection.

10 The specification has been amended to correct typographical errors.

Independent Claims 1, 6, 10, 12, 14, 19, 23 and 25

Independent claims 1, 6, 10, 12, 14, 19, 23, and 25 were rejected under 35 U.S.C. §102(e) as being anticipated by Ohyama et al. and claims 14, 19, 23, and 25 were rejected under 35 U.S.C. §103(a) as being unpatentable over Ohyama et al. in view of Lee.

15 Regarding claim 1, the Examiner asserts that Ohyama discloses collecting measurements of interference and load in said wireless communications network (which reads on a radio condition report as disclosed in col. 11, lines 62-63), wherein said collected measurements include nominal resource availability information and measured resource availability information (col. 12, lines 2-5). Regarding claim 6, the Examiner asserts that Ohyama discloses collecting  
20 measurements of interference and load in said wireless communications network, wherein said collected measurements include received power measurements from neighboring base stations (col. 12, lines 51-63). Regarding claims 10, 12, and 25, the Examiner asserts that Ohyama discloses collecting measurements of interference and load in said wireless communications network, wherein said collected measurements include predicted new load information (col. 12, lines 51-63).  
25 Regarding claims 14, 19, and 23, the Examiner asserts that Ohyama discloses processing said collected information to identify a resource for said mobile station; and assigning said resource to said mobile station (col. 12, lines 5-8).

Regarding claim 1, Applicant notes that the radio condition report cited by the Examiner is directed to the *conditions* of the *radio signals* (Ohyama: col. 13, lines 6-13; see, also, col. 6, lines 55-61; col. 9, lines 2-10; and col. 9, lines 40-50). Ohyama does **not** disclose or suggest that collected measurements include *load measurements, nominal resource availability information,*  
5 *measured resource availability information, or predicted new load information.*

Regarding claim 6, Applicant notes that, in the text cited by the Examiner, Ohyama teaches that,

upon receiving the request, the existing base station B requests the network to issue an instruction to specify a new radio channel. Upon receiving the  
10 instruction from the network, the existing base station B transfers it to the mobile base station in step S292. The mobile base station synchronizes the new channel with the existing base station A and switches the present speech channel connected to the existing base station B to the new channel connected to the existing base station A in step S293. The existing base station B releases the present channel in step S297.  
15 Subscriber terminals under the control of the mobile base station never participate in these operations, and therefore, no channel switching occurs in the subscriber terminals.

(Col. 12, lines 51-63.)

Applicant notes that Ohyama does **not** disclose or suggest that collected  
20 measurements include *received power measurements from neighboring base stations*. Independent claims 1 and 14 require collecting measurements of interference and load in said wireless communications network, wherein said collected measurements include nominal resource availability information and measured resource availability information, independent claims 6 and 19  
25 require collecting measurements of interference and load in said wireless communications network, wherein said collected measurements include received power measurements from neighboring base stations, independent claims 10 and 23 require collecting measurements of interference and load in said wireless communications network, wherein said collected measurements include predicted new load information, and independent claims 12 and 25 require processing said collected information to  
30 identify a resource for said mobile station such that said resource allocation minimizes a call drop rate.

Applicants also note that Lee does *not* disclose or suggest that collected measurements include load measurements, nominal resource availability information, measured resource availability information, or predicted new load information and does not disclose or suggest that collected measurements include received power measurements from neighboring base stations.

Thus, Ohyama et al. and Lee, alone or in combination, do not disclose or suggest collecting measurements of interference and load in said wireless communications network, wherein said collected measurements include nominal resource availability information and measured resource availability information, as required by independent claims 1 and 14, do not disclose or suggest collecting measurements of interference and load in said wireless communications network, wherein said collected measurements include received power measurements from neighboring base stations, as required by independent claims 6 and 19, do not disclose or suggest collecting measurements of interference and load in said wireless communications network, wherein said collected measurements include predicted new load information, as required by independent claims 10 and 23, and do not disclose or suggest processing said collected information to identify a resource for said mobile station such that said resource allocation minimizes a call drop rate, as required by independent claims 12 and 25.

Dependent Claims 2-5, 7-9, 11, 13, 15-18, 20-22, 24 and 26

Dependent claims 2-5, 7-9, 13, 15-18, 20-22, and 26 were rejected under 35 U.S.C. §102(e) as being anticipated by Ohyama et al. and claims 15-18, 20-22, and 26 were rejected under 35 U.S.C. §103(a) as being unpatentable over Ohyama et al. in view of Lee.

Claims 2-5, 7-9, 11, 13, 15-18, 20-22, 24 and 26 are dependent on claims 1, 6, 10, 12, 14, 19, 23, and 25, respectively, and are therefore patentably distinguished over Ohyama et al. and Lee (alone or in any combination) because of their dependency from independent claims 1, 6, 10, 12, 14, 19, 23, and 25 for the reasons set forth above, as well as other elements these claims add in combination to their base claim.

All of the pending claims, i.e., claims 1 through 26, are in condition for allowance and such favorable action is earnestly solicited.

If any outstanding issues remain, or if the Examiner has any further suggestions for expediting allowance of this application, the Examiner is invited to contact the undersigned at the telephone number indicated below.

The Examiner's attention to this matter is appreciated.

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Respectfully submitted,



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